



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

January 27, 2000

TO: Internal File

THRU: Bill Malencik, Team Lead *Sm For Bill M.*

FROM: Wayne H. Western, Senior Reclamation Specialist *W H W*

RE: Review of Submittal to Address Deficiencies in Division Order 99B Date January 14, 2000, Horizon Mine ACT/007/020-DO99B

## SUMMARY:

On January 14, 2000, the Division received a submittal from the Permittee that addressed Division Order 99B. The Division reviewed the information and recommended approving all the changes with the exception of air quality. The Permittee will not address the air quality issue until they give more information. They hope the air quality data will be available by the end of January.

## OPERATION PLAN

### MINING OPERATIONS AND FACILITIES

Regulatory Reference: 30 CFR Sec. 784.2, 784.11; R645-301-231, -301-526, -301-528.

#### Analysis:

##### Facilities and Structures

##### Item 1.a

Update the text of the operation plan of the current MRP to accurately describe the coal conveyance system, separation facilities, coal storage areas, coal mine waste handling and storage facilities area, other materials handling and storage areas, snow storage areas and all haulage areas; and to clearly show on a map all of the preceding in accordance with R645-301-500.

The Permittee updated the surface facilities list on Page 3-4 and 3-5. Plate 3-1 was also updated to show the existing and proposed facilities. The revisions to Plate 3-1 include the coal conveyer, the separation facilities (coal conveyor transfer points), the coal storage areas, topsoil storage area, snow storage area and sediment pond/ditch clean out material storage area.

**Findings:**

The information in the submittal met the minimum requirements of this section.

**AIR POLLUTION CONTROL PLAN**

Regulatory Reference: 30 CFR Sec. 784.26, 817.95; R645-301-244.

**Analysis:**

Item 4

Demonstrate that plans provided in response to Items I and 2 of this Order are in compliance with Horizon Mine's Utah Air Quality Permit.

The Permittee stated, in the January 14, 2000 submittal, that they are revising the air quality permit. The Permittee hopes to have the information for the amended air quality permit compiled by the end of January.

**Findings:**

The information provided in the proposed amendment is not considered adequate to meet the requirements of this section. Prior to approval, the Permittee must provide the following in accordance with:

**R645-301-423**, The Permittee must either reduce the amount of coal stored on the surface or amend the air quality permit to allow for the increased volume.

**SPOIL AND WASTE MATERIALS**

Regulatory Reference: 30 CFR Sec. 701.5, 784.19, 784.25, 817.71, 817.72, 817.73, 817.74, 817.81, 817.83, 817.84, 817.87, 817.89; R645-100-200, -301-210, -301-211, -301-212, -301-412, -301-512, -301-513, -301-514, -301-521, -301-526, -301-528, -301-535, -301-536, -301-542, -301-553, -301-745, -301-746, -301-747.

**Analysis:**

Item 3.

Amend the text of Chapter 3 of the Horizon MRP, Section 3.3, p. 3-6 and 3-7, to clarify Horizon Mining's current MRP designations of "coal", "rocky coal", "high ash coal", "waste rock" and "coal waste materials" as to how they fall under Utah Coal Mining Rules R645 et seq of "coal", "coal mine waste", "underground development waste", or "coal processing waste". Horizon Mining must further clarify its criteria for underground development waste, specifically referencing a) Mine Safety and Health Administration (MSHA) standards regarding storage of underground development waste in the Horizon Mine workings prior to bringing the waste to the surface, and b) ASTM standards distinguishing high ash coal from underground development waste.

The Permittee removed the terms rocky coal, high ash coal, waste rock and coal waste materials from the MRP. The terms used to describe the materials removed from the mine conform to the coal regulation nomenclature.

The Permittee stated, that disposal of coal mine waste underground will meet MSHA requirements.

**Findings:**

The information in the submittal met the minimum requirements of this section.

## **RECLAMATION PLAN**

### **BACKFILLING AND GRADING**

Regulatory Reference: 30 CFR Sec. 785.15, 817.102, 817.107; R645-301-234, -301-537, -301-552, -301-553, -302-230, -302-231, -302-232, -302-233.

**Analysis:**

Item 1b.

Update the text and maps to show the reclamation plans for each of the preceding items if different than the current reclamation plan, or if the current plan does not include the preceding items in 1.a. in accordance with R645-301-500.

The Permittee needs to state the maximum amount of sediment pond/ditch clean out material that will be stored is 260 cubic yards. The material will be stored in two areas, 150 cubic yards will be stored behind the substation and 110 cubic yards will be stored behind the fan.

Item 2.

If coal mine waste is to be produced at the Horizon Mine, state the location and volume of temporary and final storage of coal mine waste at the Horizon Mine in accordance with R645-301-500.

On Page 3-10 the Permittee states that no underground development waste will be disposed of on the surface in the permit area and that no refuse piles would be on the surface.

**Findings:**

The information in the submittal met the minimum requirements of this section.

**RECOMMENDATION:**

The Division should approve the changes to the MRP made in the January 14, 2000 submittal. The Division Order should remain in effect until the Permittee meets the air quality permit.

sm

O:\007020.HZN\FINAL\DO99BWHW012500.wpd